

WHAT IS CLAIMED IS:

1. A method of treating a subject for inflammatory disease comprising administering to the subject a DMG component and at least one PCE component.
2. A method according to claim 1, wherein the subject has an autoimmune disease.
3. A method according to claim 2, wherein the autoimmune disease is lupus erythmatosus.
4. A method according to claim 3, wherein a reduction in serum concentration of at least one anti-nuclear antibody is achieved.
5. A method according to claim 4, wherein the anti-nuclear antibody is an anti-dsDNA antibody or an anti-ssDNA antibody.
6. A method according to claim 3, wherein at least one PCE component is freeze-dried ground whole mussel.
7. A method of modulating the immune response profile in a subject comprising administering to the subject a DMG component and at least one PCE component.
8. A method according to claim 7, wherein the modulation results in a decrease in serum il-6 concentrations, a decrease in serum il-10 concentrations, an increase in serum TNF- α concentrations, or a decrease in CD8+ cells in the blood.

9. A method according to claim 7, wherein the modulation results in a decrease in serum il-10 concentration and a decrease in CD8+ cells in the blood.

10. A method according to claim 7, wherein the modulation results in a decrease in CD8+ cells.

11. A method according to claim 10, wherein the subject has an autoimmune disease.

12. A composition comprising a DMG component and at least one PCE component.

13. A composition according to claim 12, wherein at least one PCE component comprises freeze-dried ground whole mussel.

14. A composition according to claim 12 which is suitable for use as a dietary supplement.

15. A kit comprising a DMG formulation and a PCE formulation, wherein the PCE formulation comprises at least one PCE component.

16. A kit according to claim 15, wherein the DMG formulation and the PCE formulation are suitable for use as dietary supplements.

17. A kit according to claim 15, wherein at least one PCE component comprises ground freeze-dried whole mussel.

18. A kit according to claim 15, wherein the DMG formulation is suitable for administration as an admixture with water.

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Sub 92

add B3

add B3

Add C3

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